

Annville-Cleona School District

Course: Math for Standards

Credit Hours: 1

Prerequisites: Recommended by math teachers with building principal's approval

Instructor: Mr. Lamb



Contact Information: 717.867.7700 x4213, jlamb@acschools.org

Course Description: The course focuses on reinforcing algebraic math concepts found on the state PSSA exam. This course is required for students who did not reach the proficient level on the state PSSA exam in eighth grade. This course is only open to students by principal's approval. The intent of the course is to assist students with attainment of proficiency of the Pennsylvania State Assessment Anchors.

Course Objectives:

Students will...

- Review concepts within the five areas covered on the PSSA Math Assessment, including Numbers and Operations, Measurement, Geometry, Algebraic Concepts, and Data Analysis and Probability.
- Become proficient at answering open-ended questions.
- Complete mathematics projects in accordance to guidelines that will be laid out after completion of the PSSA.

Materials Needed:

Text—Comprise of online resources and materials. This can be found at <http://mrlambmath.wikispaces.com/mfs1112>

Others--Other materials are provided throughout the course, as well as use of computer and graphing technology. You will use the TI-84 Plus Silver Edition in class, but will not be able to take the classroom calculators home. You may use your personal calculator, as well.

Course Requirements: Students will:

- 1) Complete a continuing series of open-ended questions in preparation for the PSSA exam (one per month through completion of PSSAs).
- 2) Complete a series of in-class assignments and tests in preparation for the PSSA exam.
- 3) Complete year-end projects according to guidelines provided upon completion of the PSSA.

Assessment/Grading Procedures: Marking period grades will be determined on a weighted scale. Participation: 5% of your grade, Tests: 30%, Lesson Worksheets: 20%, Miscellaneous Assignments: 15%, Open Ended Questions: 30%. ALL ASSIGNMENTS are ZAP-pable. Participation is recorded in the grade book weekly. In order to earn all points for participation, you must have the following items with you **EVERY DAY**: Your notebook, your work, and a **PENCIL**. You will earn five points per day that they are present. You will lose points if you are being disruptive, not being active, are unprepared, or if you are late to class.

Expectations (Attendance/Participation): Attendance and participation are both musts! Mathematics is not a spectator sport! Make sure you keep notes of different concepts that are covered. Definitions and examples are the bulk of the notes, and any handouts must also be kept in an organized binder. Any missed work *must* be made up the next day of class, either in class, during a study hall, or after school. Exceptions may be made for extended absences.

Additional Information: All assignments *must* be completed with a pencil. Any assignment turned in done in pen will suffer a 10% deduction of the original possible score. All Lesson Worksheets will be turned in first to check correctness then turned back for corrections to be made. These will be graded upon second turn in. All assignments can be corrected and turned in again to earn back up to half of the missed points. I will challenge you to learn math as best you can, and I will help you as much as I can. It is up to you as to how well you do. If you are determined to do well, then you will do so.